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Application Number	09/147,819
Filing Date	March 23, 1999
First Named Inventor	Cardosa, et al.
Group Art Unit	1648
Examiner Name	Mosher, M.
Attorney Docket No.	20238-0703-US

Total Number Of Pages In This Submission

39

ENCLOSURES (check all that apply)

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under 37 CFR 1.52 or 1.53 | | |

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm or Individual Name	Bingham McCutchen LLP Susan Hubl Patent Agent Reg. No. 47,668
Signature	<i>Susan Hubl</i>
Date	11/1/02

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DATE November 4, 2002

	NAME	FAX	PHONE
TO	Mary E. Mosher, Ph.D. Primary Examiner Group 1600 USPTO	(703) 208-4242 703-308-4282	

FROM Jim Davis (415) 393-2286 (415) 393-2133
Secretary to Susan Hubl, Ph.D.,
Patent Agent
jim.davis@bingham.com

PAGES (INCLUDING THIS COVER PAGE): 40

RE USSN: 09/147,919
Docket No.: 20239-0703-US

Message:

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San Francisco, CA
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**FEE TRANSMITTAL
FOR FY 2002**

Patent fees are subject to annual revision.

Complete If Known

Application Number	09/147,919
Filing Date	March 23, 1999
First Named Inventor	Cardosa, et al.
Examiner Name	Mosher, M.
Group Art Unit	1648
Attorney Docket No.	20239-0703-US

TOTAL AMOUNT OF PAYMENT(\$)**920.00****METHOD OF PAYMENT**

- 1.
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☐ Applicant claims small entity status. See 37 CFR 1.27

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Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1)(\$)**0-****2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
20	1	\$	\$
3	1	\$	\$
Multiple Dependent		\$	\$

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
103	18	203	9	Claims in excess of 20	
102	84	202	42	Independent claims in excess of 3	
104	280	204	140	Multiple dependent claims. If not paid	
109	84	209	42	*Release independent claims over original patent	
110	18	210	9	*Release claims in excess of 20 and over original patent	

SUBTOTAL (2)(\$)**0-**

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FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	\$ 920.00
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
118	330	218	160	Notice of Appeal	
120	330	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions of the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Sheet	
581	40	581	40	Recording each patent assignment per properties (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.128(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)(\$)**920.00****SUBMITTED BY**

Complete (if applicable)

Name (Print/Type)

Susan Hubl

Registration No.
(Attorney/Agent)

47,568

Telephone

(415) 393-2000

Signature

Susan Hubl

Date

11/1/02

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11/07/02
ca

Attorney Docket No.: 20239-703US

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Dated: 11/4/02

Name of Person Certifying: [Signature]

Printed Name:

James W. Davis, Jr.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: ... Cardoso et al

Assignee: ... Bavarian Nordic Research
Institute A/S

Serial No.: 09/147,919

Examiner: M. Mosher

Filing Date: March 23, 1999

Group Art Unit: 1641

Title: Recombinant MVA Virus Expressing Dengue Virus Antigens, and the Use Thereof in Vaccines

Commissioner for Patents
Washington, D.C. 20231

RESPONSE AFTER FINAL UNDER 37 C.F.R. § 1.116

Sir:

Responsive to the Office Action of November 30, 2001 ("Office Action") in the above-identified patent application, and the Examiner's Interview on July 23, 2002, please enter the following amendments for the purpose of putting the application in condition for allowance, or alternatively, to narrow the issues for appeal. Applicant respectfully requests reconsideration of the above-identified application in view of the following amendments and remarks.

A Notice of Appeal was filed on May 30, 2002, and received at the USPTO on June 7, 2002. This response is accompanied by a petition for a 3 month extension of time to extend the period to respond to November 7, 2002. Accordingly this response is timely filed.

AMENDMENTS IN THE CLAIMS

Please CANCEL claims 29-31.

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11/1/02 3:39 PM